

CLAIMS

1–20. (canceled)

21. (withdrawn) An isolated polynucleotide molecule comprising a DNA sequence encoding an infectious RNA molecule encoding a United States strain PRRS virus.

22. (original) An isolated polynucleotide molecule comprising a DNA sequence encoding an infectious RNA molecule encoding a PRRS virus selected from the group consisting of PRRS virus strains ATCC VR 2332, ATCC VR 2385, ATCC VR 2386, ATCC VR 2429, ATCC VR 2474, and ATCC VR 2402.

23. (original) A transfected cell comprising a DNA sequence encoding an infectious RNA molecule encoding a PRRS virus selected from the group consisting of PRRS virus strains ATCC VR 2332, ATCC VR 2385, ATCC VR 2386, ATCC VR 2429, ATCC VR 2474, and ATCC VR 2402, which transfected cell is capable of expressing the encoded PRRS virus.

24. (original) An isolated polynucleotide molecule in the form of a plasmid, wherein said isolated polynucleotide molecule comprises a DNA sequence encoding an infectious RNA molecule encoding a PRRS virus selected from the group consisting of PRRS virus strains ATCC VR 2332, ATCC VR 2385, ATCC VR 2386, ATCC VR 2429, ATCC VR 2474, and ATCC VR 2402.

25. (original) An isolated infectious RNA molecule encoded by an isolated polynucleotide molecule, which infectious RNA molecule encodes a PRRS virus selected from the group consisting of PRRS virus strains ATCC VR 2332, ATCC VR 2385, ATCC VR 2386, ATCC VR 2429, ATCC VR 2474, and ATCC VR 2402.

26. (original) A recombinant PRRS virus encoded by an isolated polynucleotide molecule comprising a DNA sequence encoding an infectious RNA molecule encoding a PRRS virus selected from the group consisting of PRRS virus strains ATCC VR 2332, ATCC VR 2385, ATCC VR 2386, ATCC VR 2429, ATCC VR 2474, and ATCC VR 2402.

27. (withdrawn) An isolated polynucleotide molecule comprising a DNA sequence encoding an infectious RNA molecule encoding a PRRS virus wherein said PRRS virus comprises ORF7 protein of ATCC VR2332.